Schemes for energy efficiency

2269. SHRI M.V. MYSURA REDDY: Will the Minister of POWER be pleased to state:

(a) whether eight schemes have been formulated by the Ministry for promotion of energy efficiency in the country;

(b) if so, the details thereof; and

(c) the expected saving of power in MWs in the country, with particular reference to Andhra Pradesh?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) The eight schemes formulated for promotion of energy efficiency are:—

(1) **Bachat Lamp Yojana** to promote energy efficient and high quality Compact Fluorescent Lamps as replacement for incandescent bulbs in households.

(2) **Standards and Labeling Scheme** to lay down minimum energy performance standards for high energy end use equipments appliances, such as, refrigerators, air-conditioners, tube lights, distribution transformers and motors.

(3) **Energy Conservation Building Code** to set minimum energy performance standards for new commercial buildings.

(4) **Agricultural and Municipal Demand Side Management** to target replacement of inefficient pumpsets, street lighting, *etc.*

(5) **Operationalising Energy Conservation Act, 2001 by strengthening the institutional capacity of the State Designated Agencies** to enable them to perform their regulatory, enforcement and facilitative functions in their respective states.

(6) **Energy Efficiency in Small and Medium Enterprises** to target 25 high energy consuming clusters to promote energy efficiency through the Energy Service Company (ESCO) route.

(7) **Institutional strengthening of the Bureau of Energy Efficiency and other energy efficiency institutions** to enable them to take up implementation of energy efficiency and energy conservation measures.

(8) **Contribution to the State Energy Conservation Fund** as a statutory requirement and to provide a matching grant to the fund pari-passu with that of the state Governments.

(c) As a result of implementation of these schemes, the targeted avoided capacity during Eleventh plan in the country is 10,000 MWs. As per the Non-conventional Energy Development Corporation of Andhra Pradesh Ltd., the expected saving of power is estimated to be 536.63 MWs in the state of Andhra Pradesh.